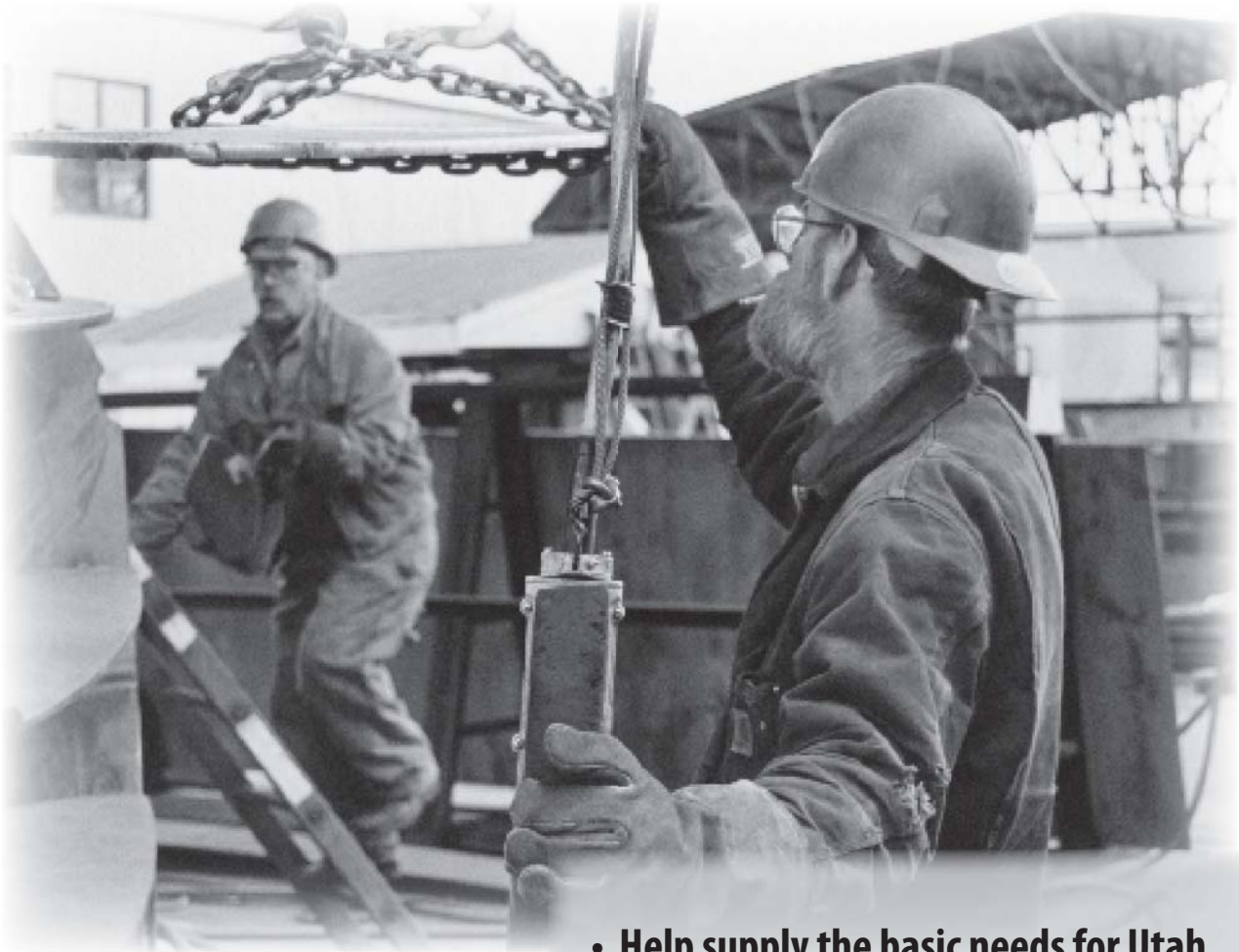


Climb the **Mining, Oil and Gas** Career Ladder



- Help supply the basic needs for Utah
- Fuel Utah's economy
- Train on the job



Department of Workforce Services
Workforce Development and Information Division

Build your own Mining, Oil and Gas Career Ladder



Picture yourself here!

Occupation
Average entry wage per hour: \$ _____
Required training/experience: _____
Target completion date: _____
Training institution: _____
Funding: _____

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NOTES:

Mining, Oil and Gas Career Ladder

Department of Workforce Services, Workforce Information. Updated January 2005.

Bachelor's Degree (traditionally requires four years)	Hourly wage: Entry	Average	2002-2012 Outlook*	Training level
<input type="checkbox"/> Financial Managers	\$16.70	\$33.20	★★★★★	Experience + degree
<input type="checkbox"/> General and Operations Managers	17.10	35.80	★★★★★	Experience + degree
<input type="checkbox"/> Sales Managers	18.50	37.00	★★★★★	Experience + degree
<input type="checkbox"/> Administrative Services Managers	12.70	23.80	★★★★	Experience + degree
<input type="checkbox"/> Purchasing Managers	17.20	30.30	★★★	Experience + degree
<input type="checkbox"/> Construction Managers	20.10	34.00	★★★★★	Bachelor's Degree
<input type="checkbox"/> Cost Estimators	13.40	22.50	★★★★★	Bachelor's Degree
<input type="checkbox"/> Engineering Managers	29.60	42.00	★★★★★	Bachelor's Degree
<input type="checkbox"/> Industrial Production Managers	21.00	34.50	★★★★★	Bachelor's Degree
<input type="checkbox"/> Purchasing Agents	15.80	23.30	★★★★★	Bachelor's Degree
<input type="checkbox"/> Electrical Engineers	24.20	34.70	★★★	Bachelor's Degree
<input type="checkbox"/> Mining and Geological Engineers	22.20	32.60	★★	Bachelor's Degree
<input type="checkbox"/> Surveyors	11.90	18.90	★★	Bachelor's Degree

High School/GED + training	Hourly wage: Entry	Average	2002-2012 Outlook*	Training level
<input type="checkbox"/> Electrical and Electronic Engineering Technicians	\$8.90	\$19.60	★★★★★	Associate Degree
<input type="checkbox"/> Geological and Petroleum Technicians	13.00	21.20	★★	Associate Degree
<input type="checkbox"/> Bus and Truck Mechanics and Diesel Engines	11.50	16.40	★★★★	Vocational
<input type="checkbox"/> Welders, Cutters, Solderers, and Brazers	10.40	14.10	★★★★	Vocational
<input type="checkbox"/> Mobile Heavy Equipment Mechanics	13.40	17.30	★★★	Vocational

On-the-Job Training / Certification	Hourly wage: Entry	Average	2002-2012 Outlook*	Training time
<input type="checkbox"/> First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$15.40	\$21.90	★★★★★	Related Experience
<input type="checkbox"/> First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	12.20	18.50	★★★★★	Related Experience
<input type="checkbox"/> First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	13.40	22.10	★★★★★	Related Experience
<input type="checkbox"/> First-Line Supervisors/Managers of Non-Retail Sales Workers	12.90	24.10	★★★★★	Related Experience
<input type="checkbox"/> First-Line Supervisors/Managers of Production and Operating Workers	12.80	19.90	★★★★★	Related Experience
<input type="checkbox"/> Transportation, Storage, and Distribution Managers	18.30	29.30	★★★★★	Related Experience
<input type="checkbox"/> Electricians	9.20	16.80	★★★★★	more than 1 year
<input type="checkbox"/> Industrial Machinery Mechanics	14.20	20.20	★★★★★	more than 1 year
<input type="checkbox"/> Machinists	10.60	15.80	★★★★★	more than 1 year
<input type="checkbox"/> Maintenance and Repair Workers, General	8.90	14.20	★★★★★	more than 1 year
<input type="checkbox"/> Plumbers, Pipefitters, and Steamfitters	13.80	19.40	★★★★★	more than 1 year
<input type="checkbox"/> Dispatchers, Except Police, Fire and Ambulance	10.70	16.60	★★★★★	1 month to 1 year
<input type="checkbox"/> Excavating and Loading Machine and Dragline Operators	12.20	15.80	★★★★★	1 month to 1 year
<input type="checkbox"/> Operating Engineers and Other Construction Equipment Operators	12.90	16.70	★★★★★	1 month to 1 year
<input type="checkbox"/> Sales Representatives, Wholesale and Manufacturing, Exc. Tech and Scientific Products	13.40	24.70	★★★★★	1 month to 1 year
<input type="checkbox"/> Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	18.00	29.40	★★★★★	1 month to 1 year
<input type="checkbox"/> Surveying and Mapping Technicians	9.70	14.60	★★★★★	1 month to 1 year
<input type="checkbox"/> Truck Drivers, Heavy and Tractor -Trailer	11.50	16.30	★★★★★	1 month to 1 year
<input type="checkbox"/> Production, Planning, and Expediting Clerks	11.80	17.40	★★★★★	less than 1 month

For more information, go to: <http://www.jobs.utah.gov/careers/mining/>

* For more information on the "star" rating system, please go to: <http://jobs.utah.gov/wi/pubs/adultcareerguide/topfivestarjobs.pdf>

Mining, Oil and Gas Career Ladder

Department of Workforce Services, Workforce Information. Updated January 2005.

On-the-Job Training / Certification	Hourly wage: Entry	Average	2002-2012 Outlook*	Training time
<input type="checkbox"/> Maintenance Workers, Machinery	10.60	15.60	★★★★★	more than 1 year
<input type="checkbox"/> Paving, Surfacing, and Tamping Equipment Operators	13.20	15.90	★★★★★	1 month to 1 year
<input type="checkbox"/> Industrial Truck and Tractor Operators	9.30	12.50	★★★★★	less than 1 month
<input type="checkbox"/> Earth Drillers, Except Oil and Gas	12.10	16.90	★★★★	1 month to 1 year
<input type="checkbox"/> Helpers -- Extraction Workers	9.90	13.90	★★★★	less than 1 month
<input type="checkbox"/> Helpers -- Installation, Maintenance, and Repair Workers	7.60	11.40	★★★★	less than 1 month
<input type="checkbox"/> Packaging and Filling Machine Operators and Tenders	8.10	11.00	★★★★	less than 1 month
<input type="checkbox"/> Stock Clerks and Order Fillers	7.50	10.40	★★★★	less than 1 month
<input type="checkbox"/> Truck Drivers, Light or Delivery Services	8.20	13.00	★★★★	less than 1 month
<input type="checkbox"/> Service Unit Operators, Oil, Gas, and Mining	11.50	16.50	★★★	1 month to 1 year
<input type="checkbox"/> Crushing, Grining, and Polishing Machine Setters, Operators, and Tenders	10.50	15.50	★★★	1 month to 1 year
<input type="checkbox"/> Laborers and Freight, Stock, and Material Movers, Hand	7.20	10.30	★★★	less than 1 month
<input type="checkbox"/> Helpers -- Production Workers	6.90	9.00	★★★	less than 1 month
<input type="checkbox"/> Mixing and Blending Machine Setters, Operators, and Tenders	8.80	12.30	★★	1 month to 1 year
<input type="checkbox"/> Machine Feeders and Offbearers	7.30	10.30	★★	less than 1 month

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